

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031773.D
 Acq On : 29 Sep 2022 15:09
 Operator : JC/MD
 Sample : N4860-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Quant Time: Sep 30 04:32:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

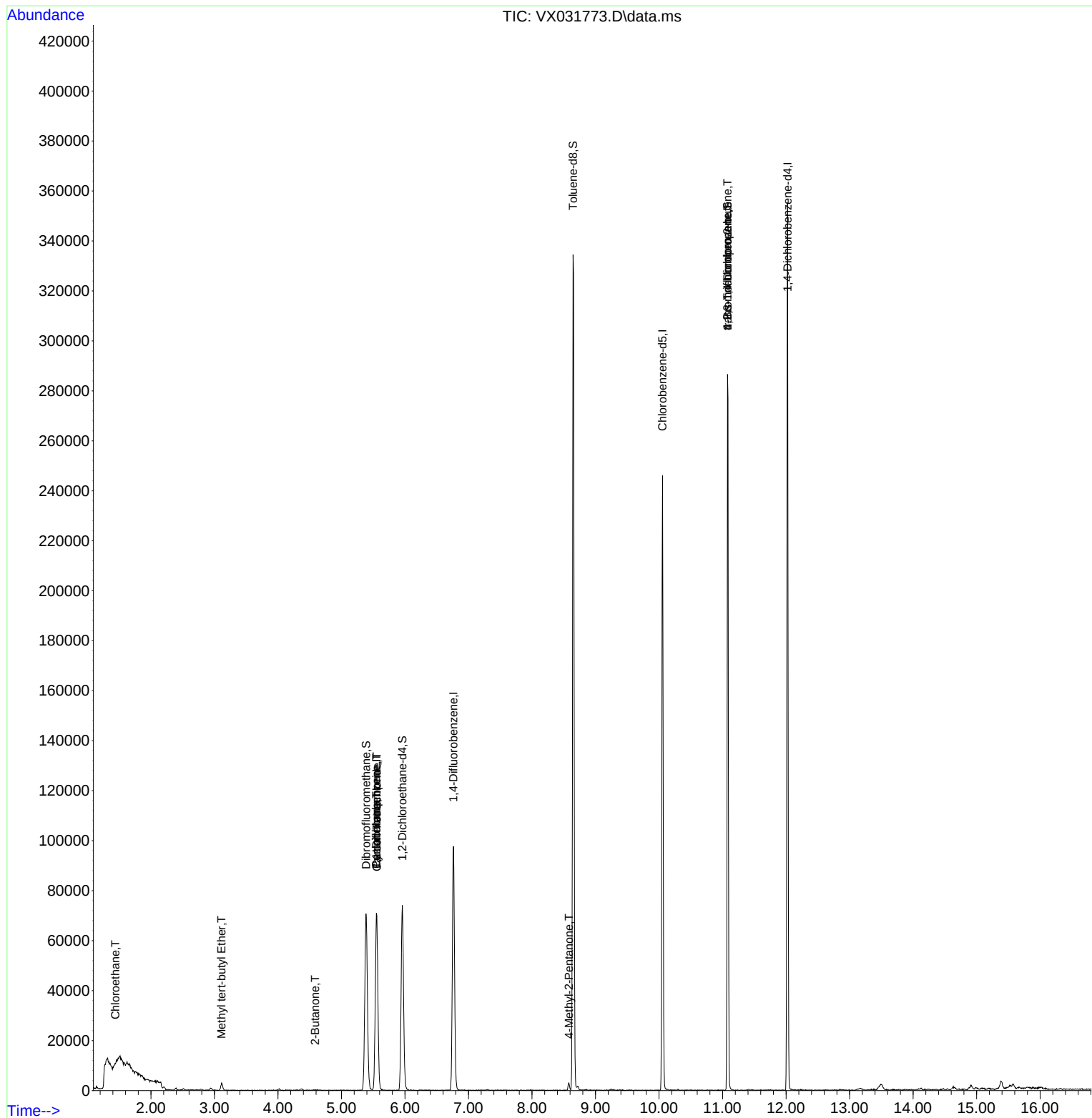
Internal Standards						
1) Pentafluorobenzene	5.550	168	68471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71253	49.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	5.385	113	59297	47.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.560%
50) Toluene-d8	8.647	98	208356	46.312	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.620%
62) 4-Bromofluorobenzene	11.079	95	73604	44.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	557	Below Cal	#	78
5) Bromomethane	1.617	94	321	Below Cal		91
6) Chloroethane	1.441	64	3086	1.126 ug/l	#	45
11) Tert butyl alcohol	3.001	59	20	Below Cal	#	73
16) Acetone	2.392	43	1109	Below Cal		94
17) Carbon Disulfide	2.508	76	979	Below Cal	#	75
19) Methyl tert-butyl Ether	3.111	73	3119	0.965 ug/l	#	81
20) Methylene Chloride	2.788	84	216	Below Cal	#	28
25) 2-Butanone	4.586	43	205	0.296 ug/l	#	49
31) Cyclohexane	5.550	56	1422	1.029 ug/l	#	13
36) 1,1-Dichloropropene	5.550	75	5110	3.586 ug/l	#	47
38) Carbon Tetrachloride	5.556	117	7218	4.494 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.580	43	1869	1.305 ug/l		99
76) 1,2,3-Trichloropropane	11.079	75	38740	29.263 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38740	96.529 ug/l	#	11

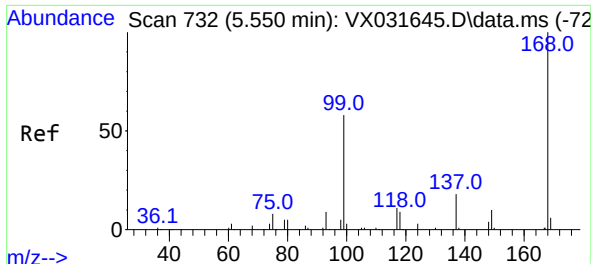
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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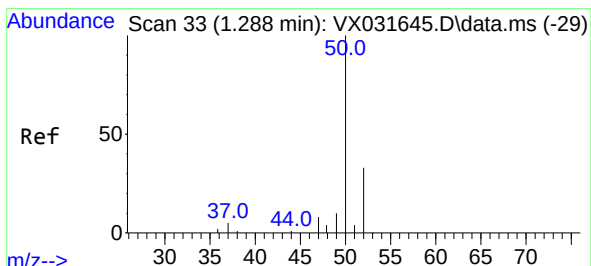
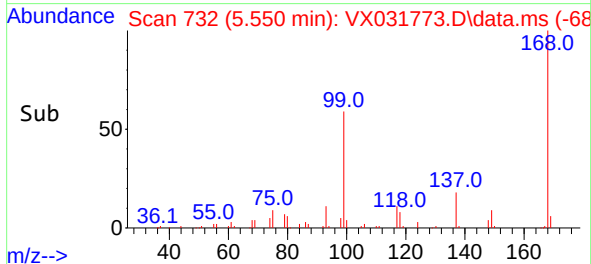
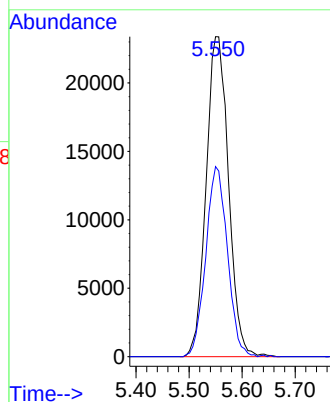
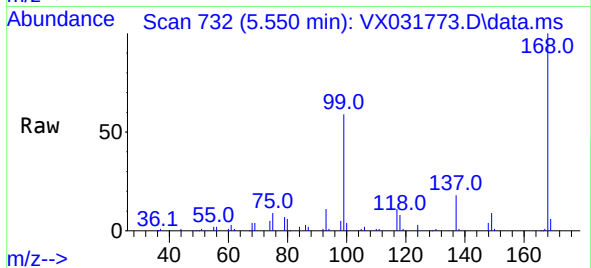




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

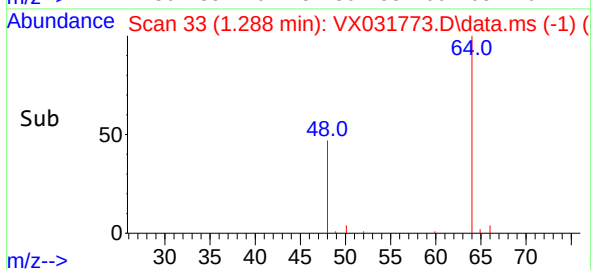
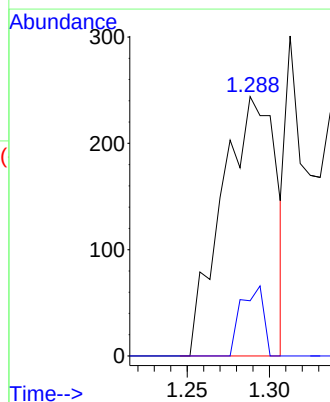
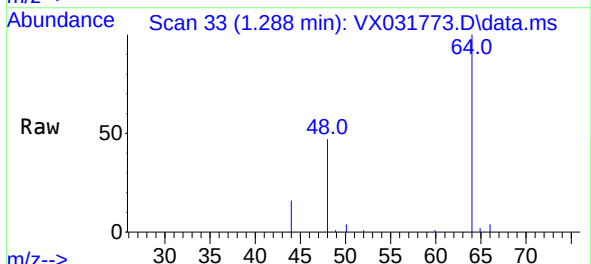
Instrument :
MSVOA_X
ClientSampleId :
MW-04

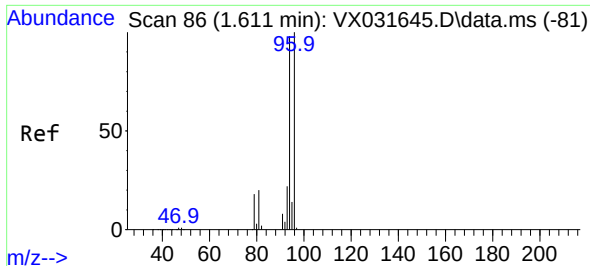
Tgt Ion:168 Resp: 68471
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 21.3 26.9 40.3#

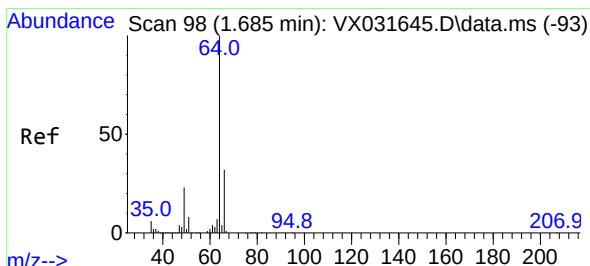
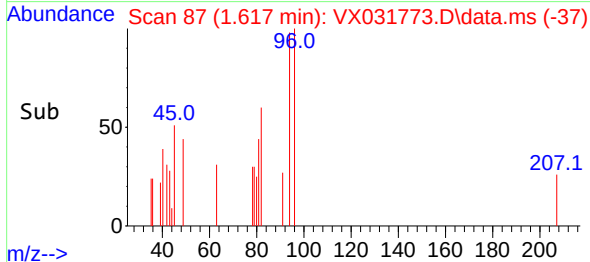
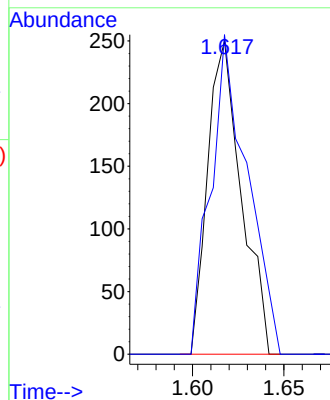
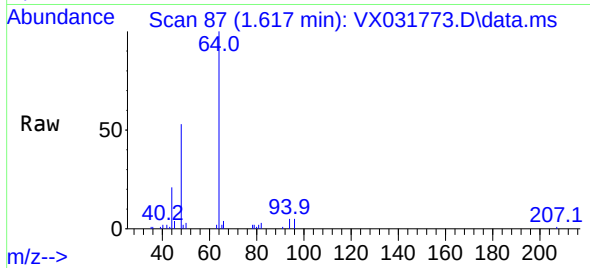




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

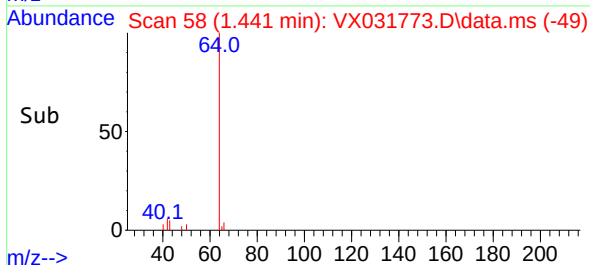
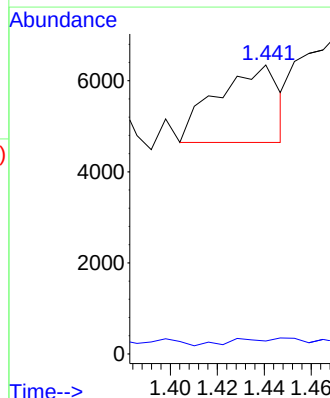
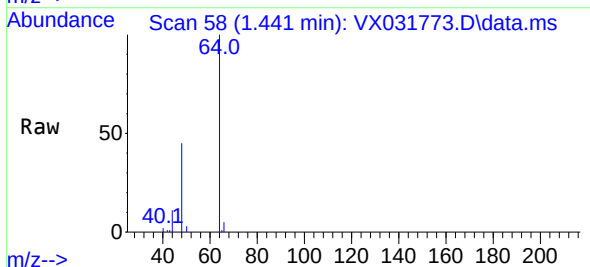
Instrument :
MSVOA_X
ClientSampleId :
MW-04

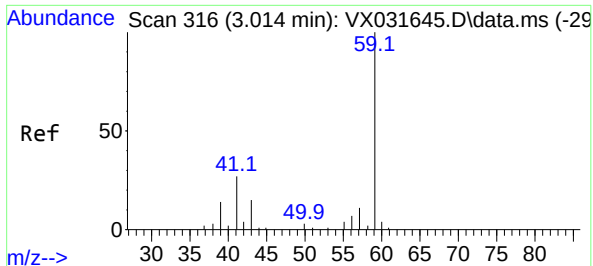
Tgt Ion: 94 Resp: 321
Ion Ratio Lower Upper
94 100
96 102.0 74.4 111.6



#6
Chloroethane
Concen: 1.126 ug/l
RT: 1.441 min Scan# 58
Delta R.T. -0.244 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

Tgt Ion: 64 Resp: 3086
Ion Ratio Lower Upper
64 100
66 0.8 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.001 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX031773.D

Acq: 29 Sep 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

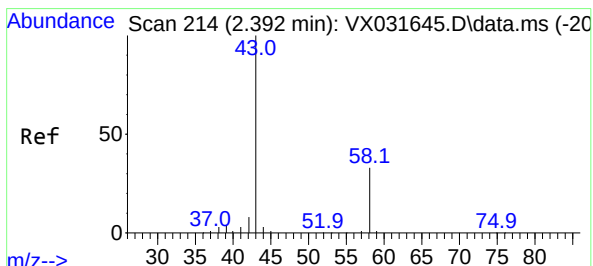
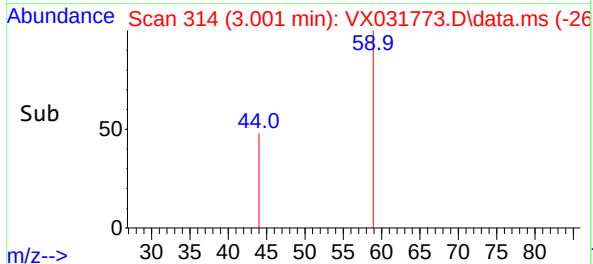
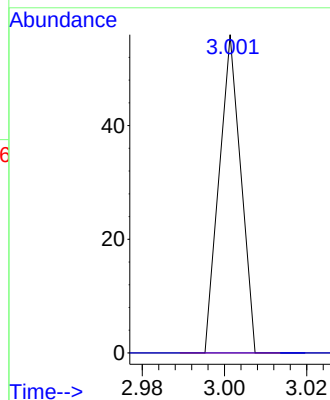
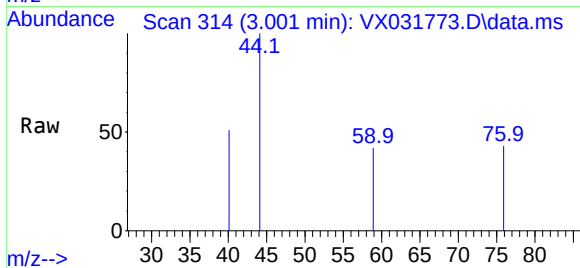
MW-04

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031773.D

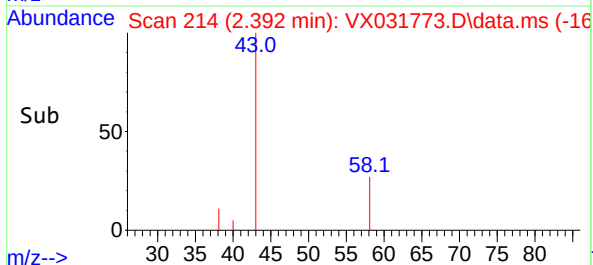
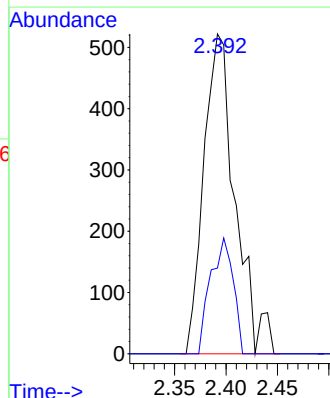
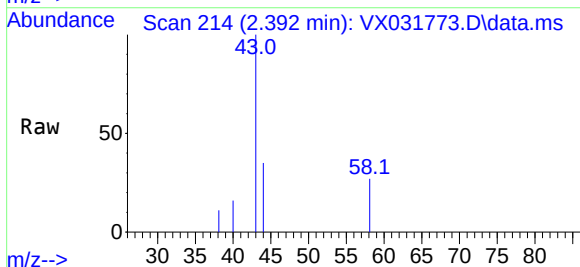
Acq: 29 Sep 2022 15:09

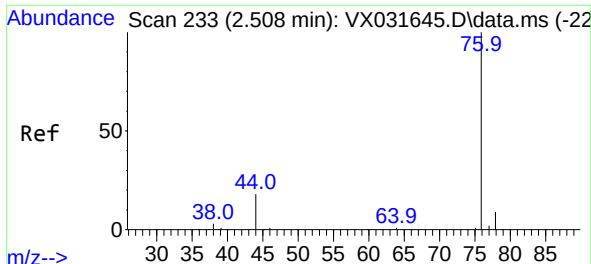
Tgt Ion: 43 Resp: 1109

Ion Ratio Lower Upper

43 100

58 26.8 23.8 35.8

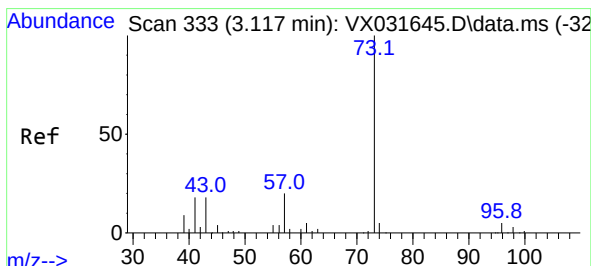
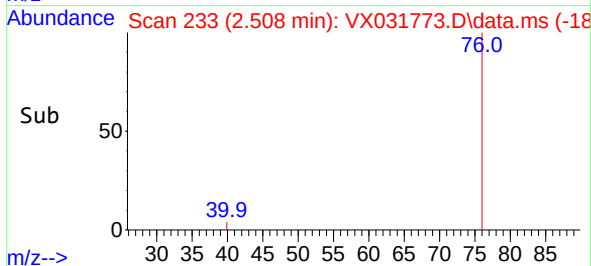
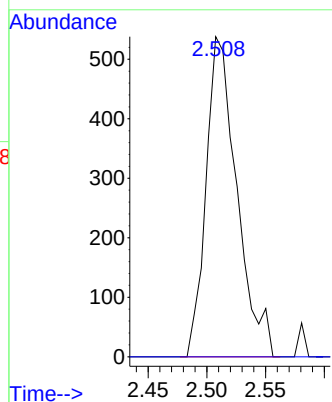
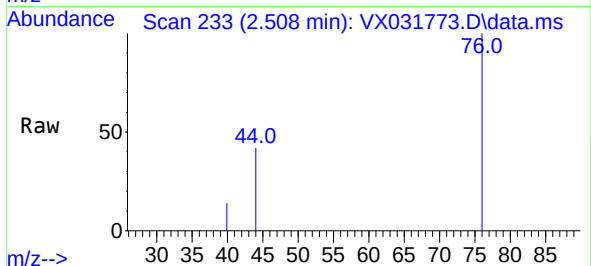




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

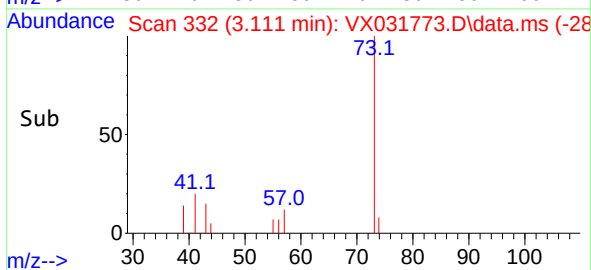
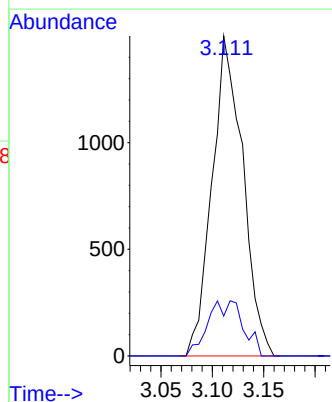
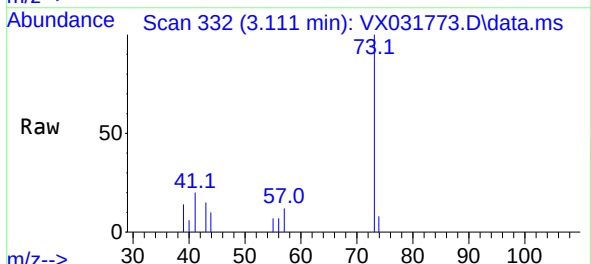
Instrument :
MSVOA_X
ClientSampleId :
MW-04

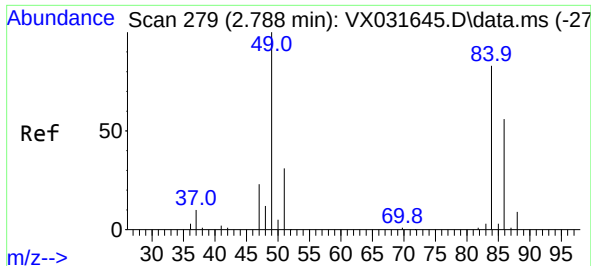
Tgt Ion: 76 Resp: 979
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.965 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

Tgt Ion: 73 Resp: 3119
Ion Ratio Lower Upper
73 100
57 12.5 17.2 25.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031773.D

Acq: 29 Sep 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-04

Tgt Ion: 84 Resp: 216

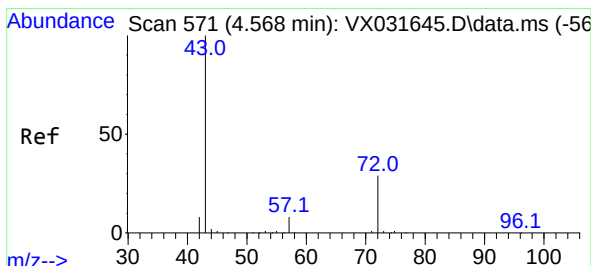
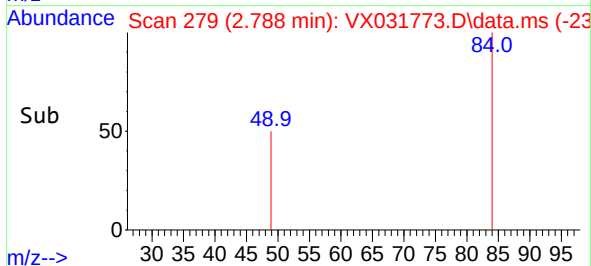
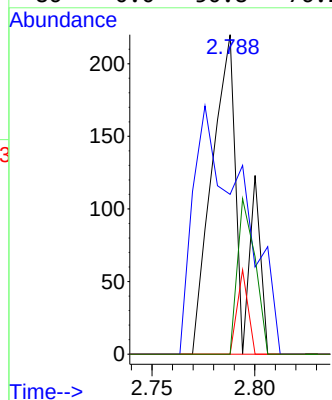
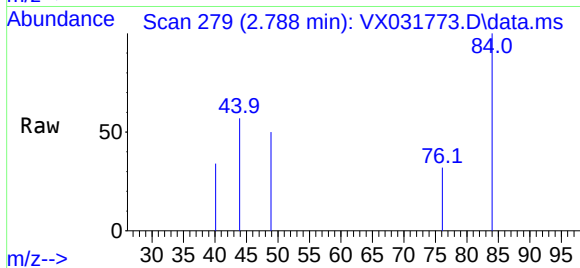
Ion Ratio Lower Upper

84 100

49 50.0 105.9 158.9#

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



#25

2-Butanone

Concen: 0.296 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.024 min

Lab File: VX031773.D

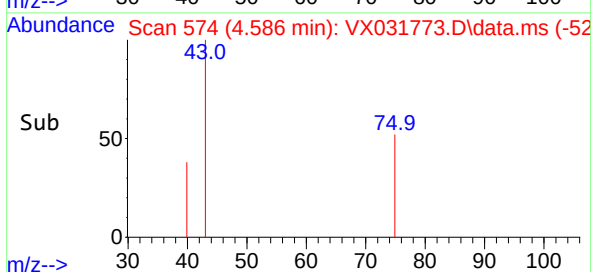
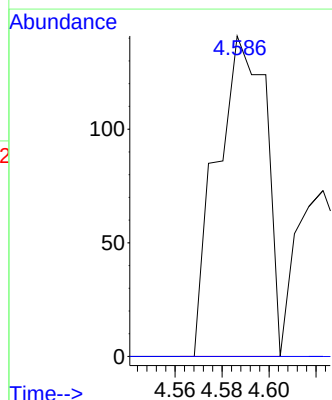
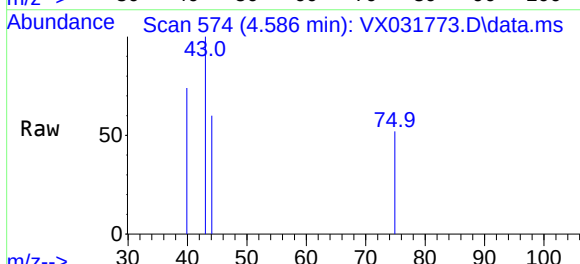
Acq: 29 Sep 2022 15:09

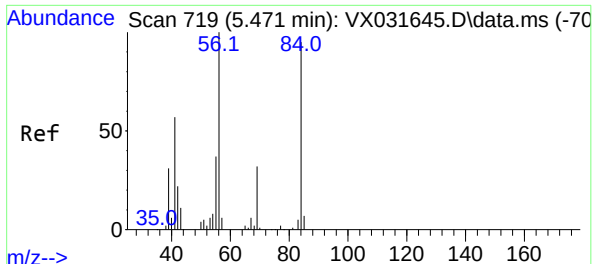
Tgt Ion: 43 Resp: 205

Ion Ratio Lower Upper

43 100

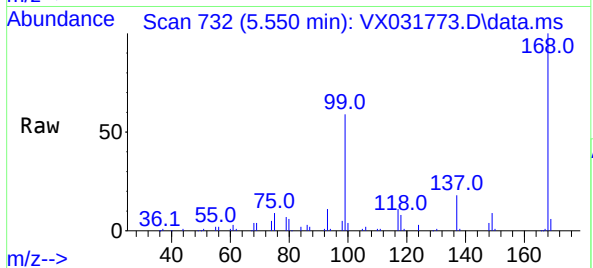
72 0.0 21.1 31.7#



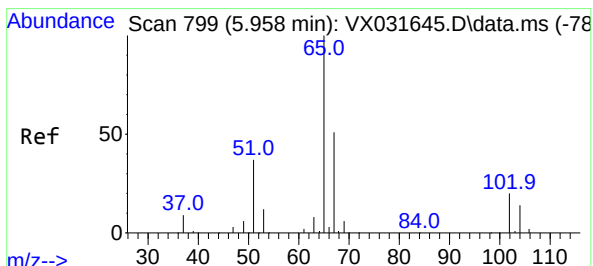
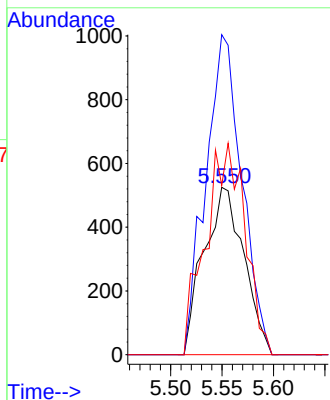
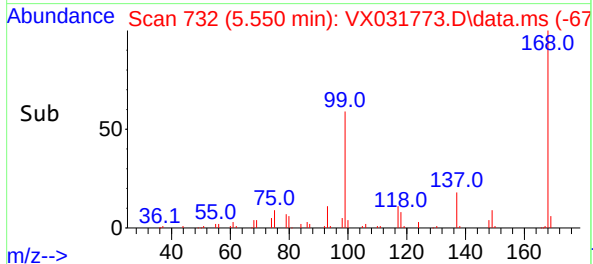


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

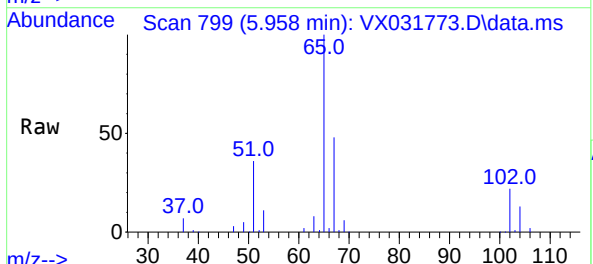
Instrument :
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MW-04



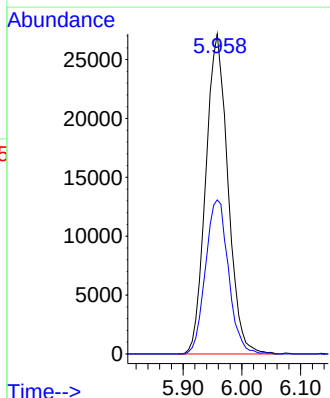
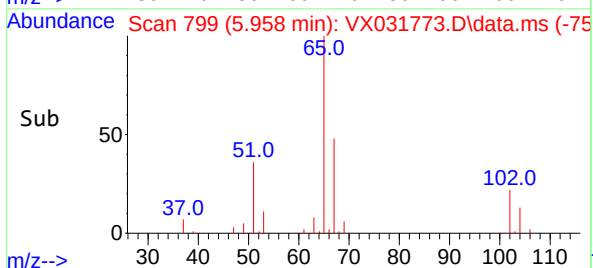
Tgt Ion: 56 Resp: 1422
Ion Ratio Lower Upper
56 100
69 191.2 25.1 37.7#
84 101.1 70.2 105.4

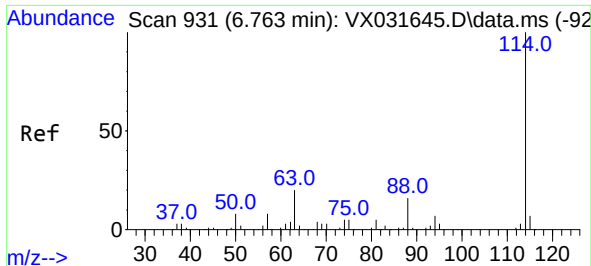


#33
1,2-Dichloroethane-d4
Concen: 49.031 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09



Tgt Ion: 65 Resp: 71253
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX031773.D

Acq: 29 Sep 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-04

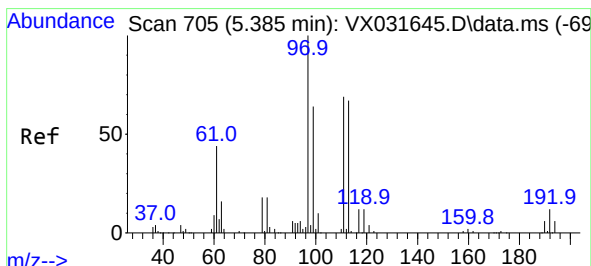
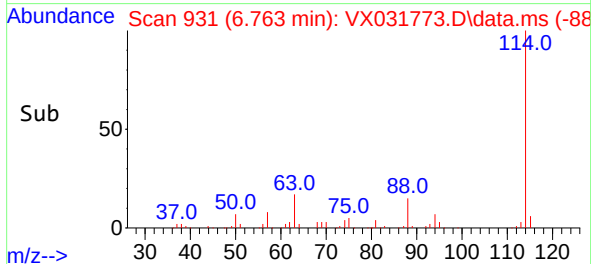
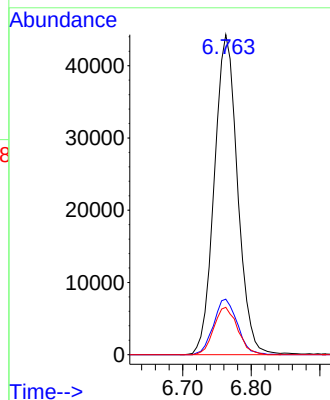
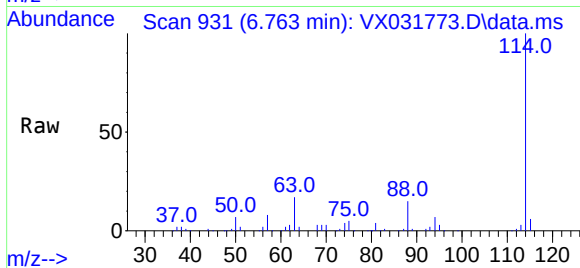
Tgt Ion:114 Resp: 104149

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.6

88 14.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 47.783 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031773.D

Acq: 29 Sep 2022 15:09

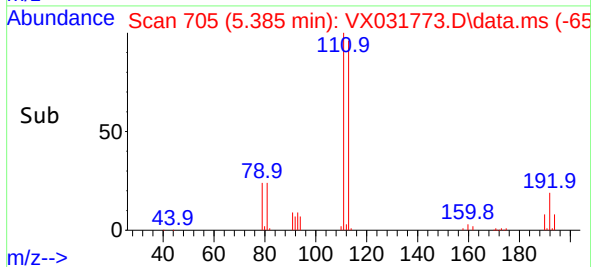
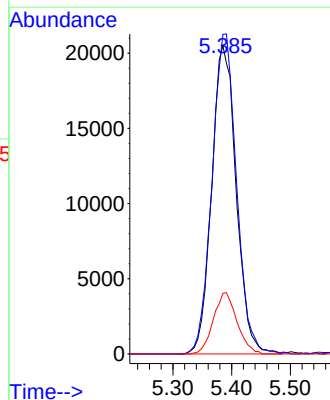
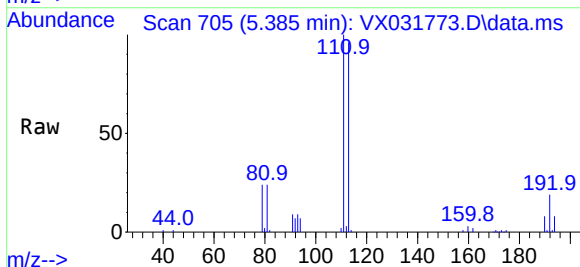
Tgt Ion:113 Resp: 59297

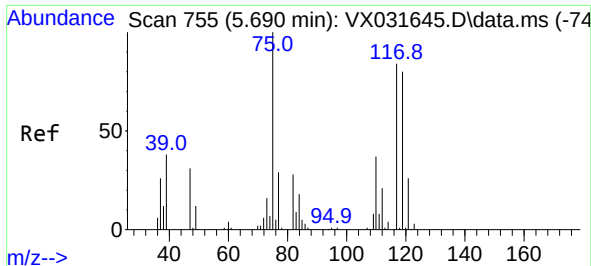
Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 19.2 14.1 21.1

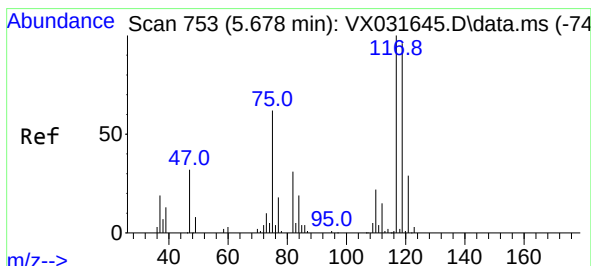
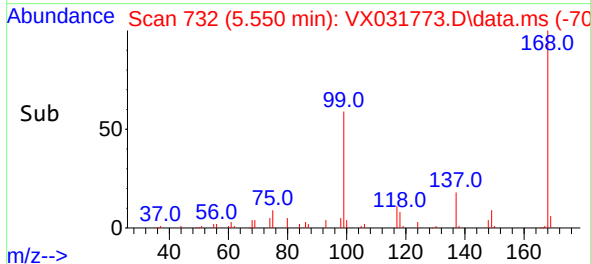
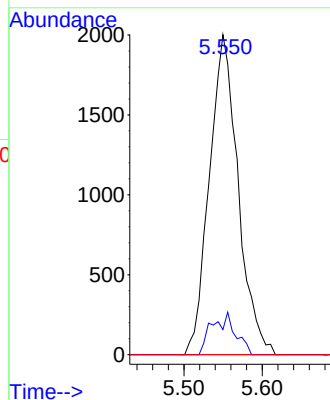
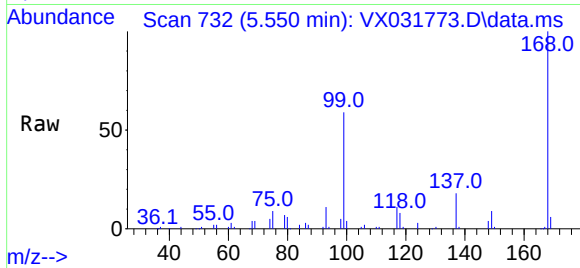




#36
1,1-Dichloropropene
Concen: 3.586 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

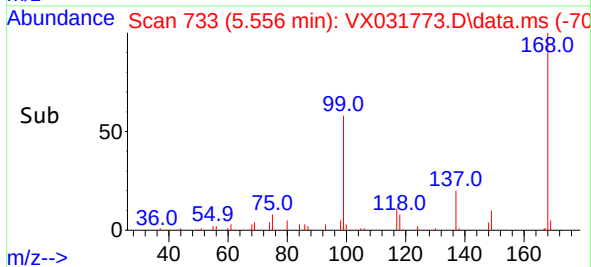
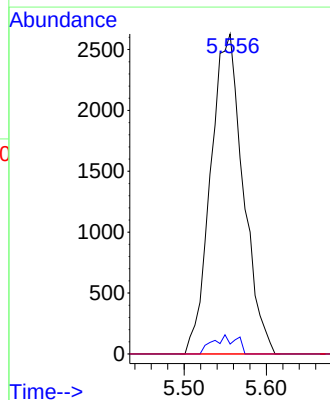
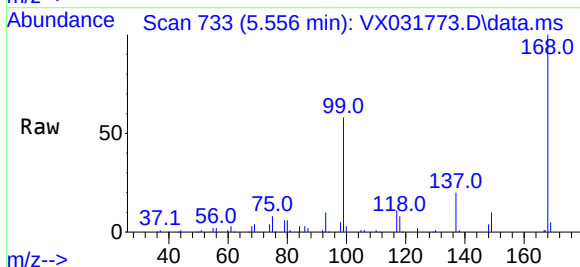
Instrument :
MSVOA_X
ClientSampleId :
MW-04

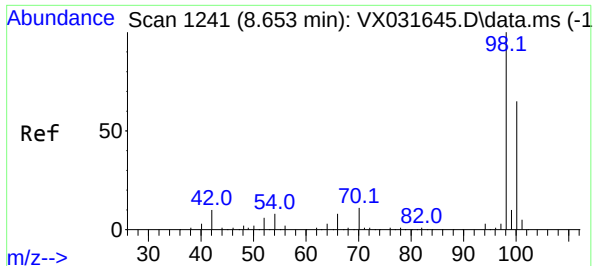
Tgt Ion: 75 Resp: 5110
Ion Ratio Lower Upper
75 100
110 5.9 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.494 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

Tgt Ion: 117 Resp: 7218
Ion Ratio Lower Upper
117 100
119 3.1 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 46.312 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031773.D

Acq: 29 Sep 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

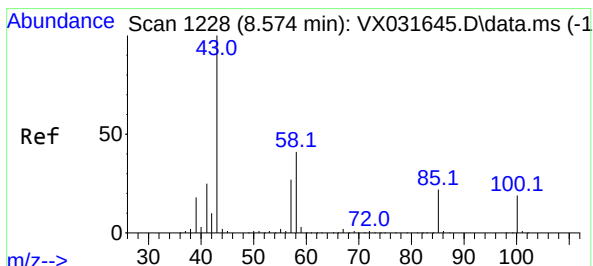
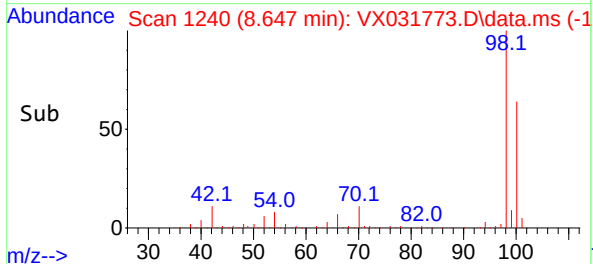
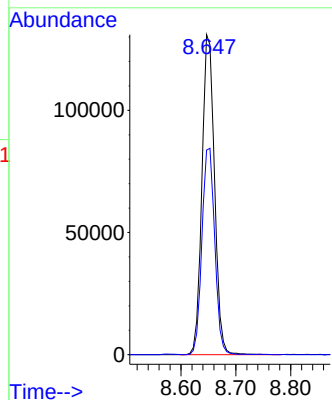
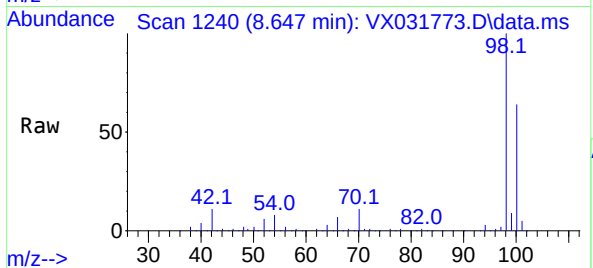
MW-04

Tgt Ion: 98 Resp: 208356

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 1.305 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX031773.D

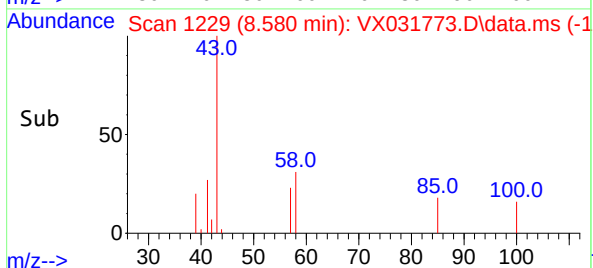
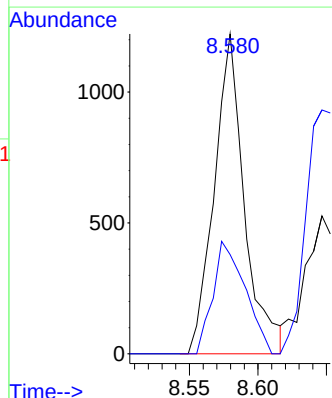
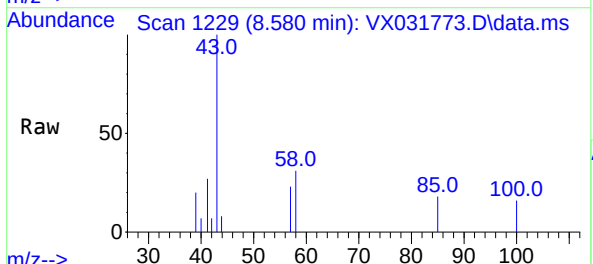
Acq: 29 Sep 2022 15:09

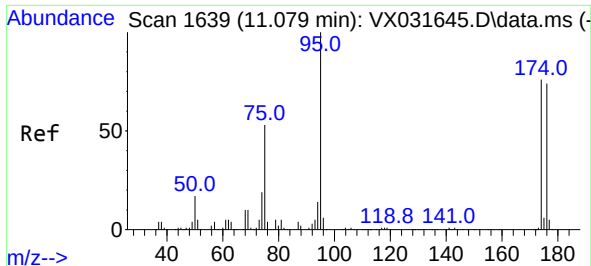
Tgt Ion: 43 Resp: 1869

Ion Ratio Lower Upper

43 100

58 37.6 30.6 46.0

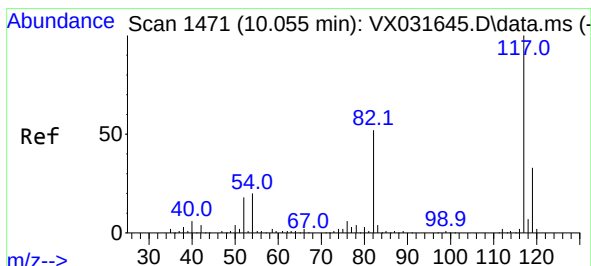
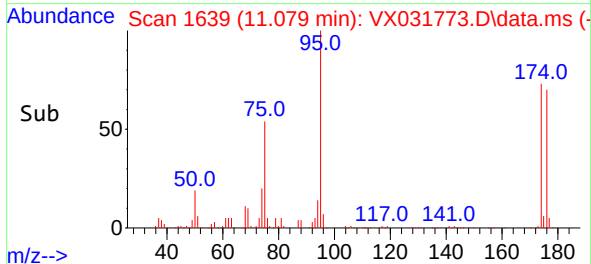
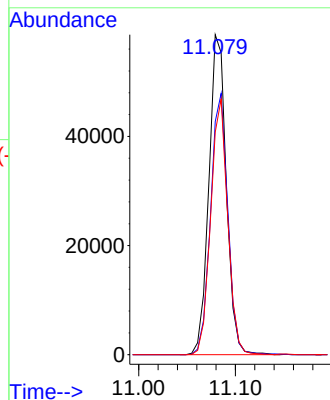
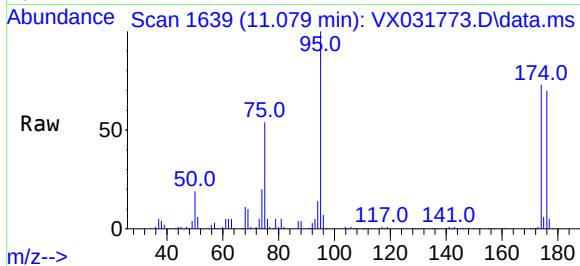




#62
4-Bromofluorobenzene
Concen: 44.637 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

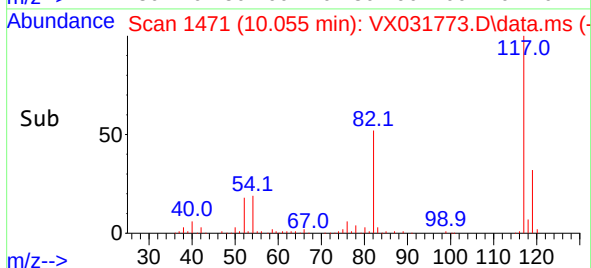
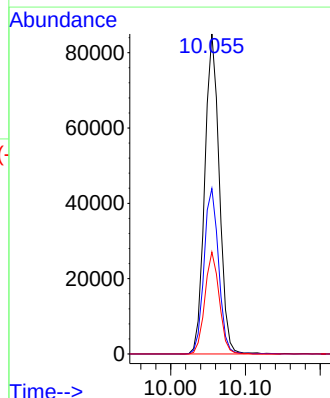
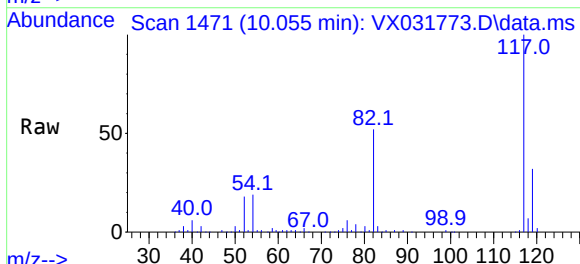
Instrument :
MSVOA_X
ClientSampleId :
MW-04

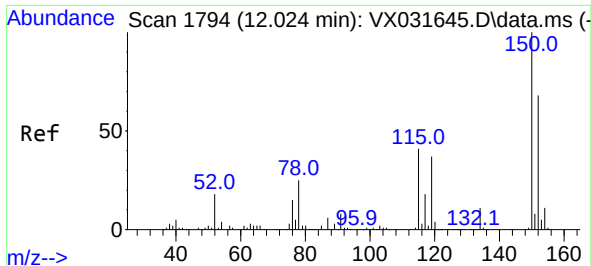
Tgt Ion: 95 Resp: 73604
Ion Ratio Lower Upper
95 100
174 80.8 0.0 153.2
176 77.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

Tgt Ion: 117 Resp: 114818
Ion Ratio Lower Upper
117 100
82 51.7 46.8 70.2
119 31.8 26.4 39.6

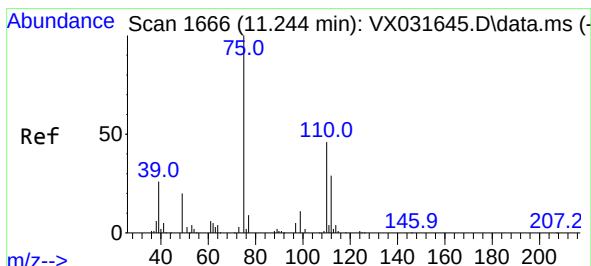
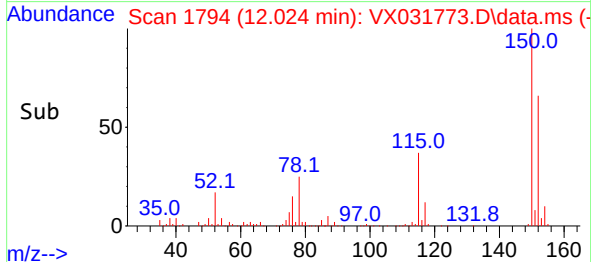
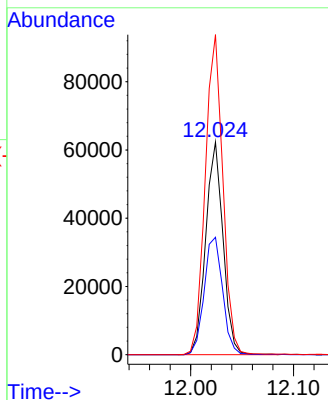
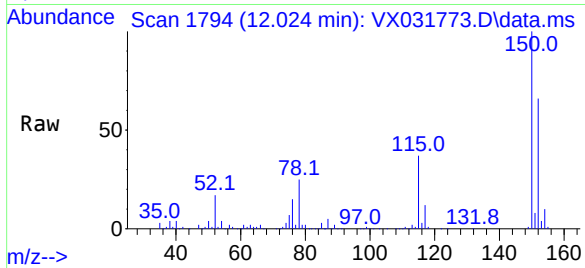




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

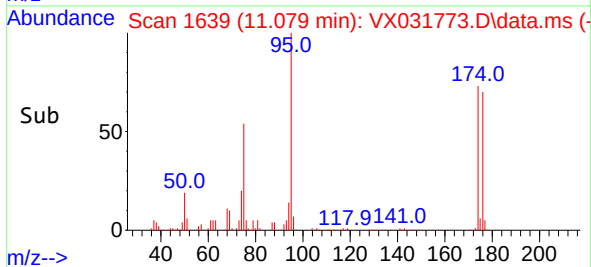
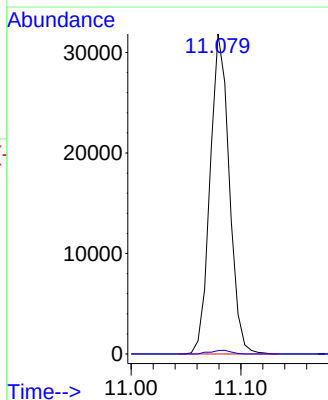
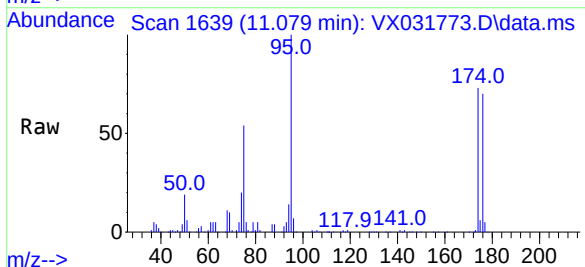
Instrument :
MSVOA_X
ClientSampleId :
MW-04

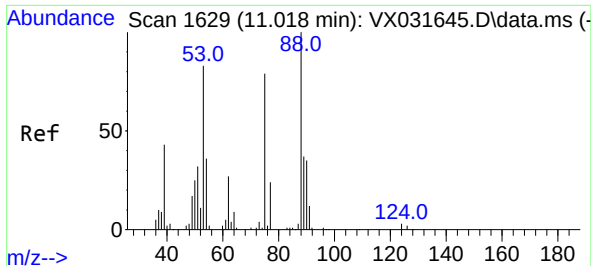
Tgt Ion:152 Resp: 73024
Ion Ratio Lower Upper
152 100
115 59.0 43.4 130.1
150 153.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 29.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

Tgt Ion: 75 Resp: 38740
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.529 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031773.D
Acq: 29 Sep 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-04

Tgt Ion: 75 Resp: 38740
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

